

TCCCGA . . . AGTTATGTGAAATATGGCCCTCGATCTTGGAGGTCCGGGTGGAGTGGGGGT .
GGGGTGGGGGTGAAGGTGGGGGGGGGGCGGCTCAGGGAAGCGGGTGGCGGCC .
TGCGGG . . . GAGATGGGCAGGGGGCGGTGCGTGGGTCCCAGTCTGCAGTTAAGGGGGCAG .
1 GAGTGG . . . CTGCTCACCTCTGTGTGCCAAAGGGGGCGCAGCGGCTGCCGAGCTCGGCCCT . 60
GGAGG . . . GCGAGAACATGGTGCGCAGGTTCTTGGTGACCCCTCCGGATTCCGGCGCGCGTGCC . 20
GGCCCG . . . GCGAGTGAGGGT . . . TCGTGGTTACATCCCGCGGCTCACGGGGGAGTGGGCA . 80
GGCCCA . . . GGGCGCCCGCCCTGTGGCCCTCGTGCTGATGCTACTGAGGAGCCAGCGTCTA . 40
GGGCA . . . AGCCGCTTCCTAGAAAGACCAGGTAGGAAAGGCCCTCGAAAGTCCGGGGCGCA . 00
CTTGT . . . GTTTGGTGTGATTTTCGTAAACAGATAATTCGTCTCTAGCCCATTTCTAGGA . 60
GGAGG . . . GAGATAACCGCGGTGGAGGCTTCCCATTCGGGTTACAACGACTTAGACATGTG . 20
GTTCT . . . AGTACCATTGAACCTGGACCTCCCTTCACACAGCCCTCAATCGTGGGAAACT . 80
GAGG . . . ACAGAGCTTCTAAACCCACCTCAGAAGTCAGTGAGTCCCCGAATATCCTGGGTG . 40
GGAA . . . CTAAGACACACACACACACACACACACACACACACAGTAGGAAATGT . 00

FIG. 1a

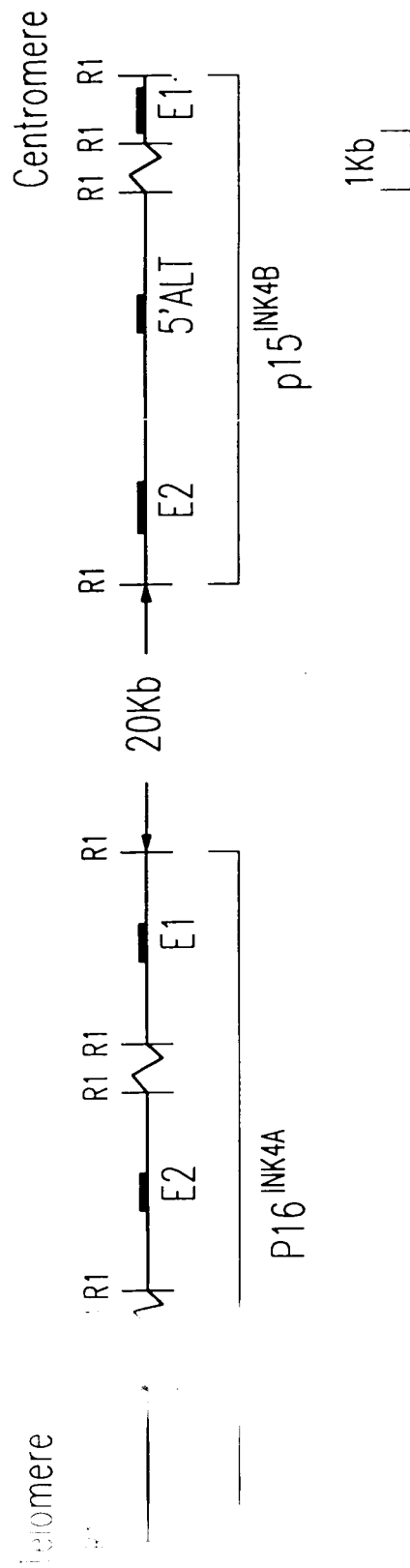


FIG. 1b

FIG. 2a

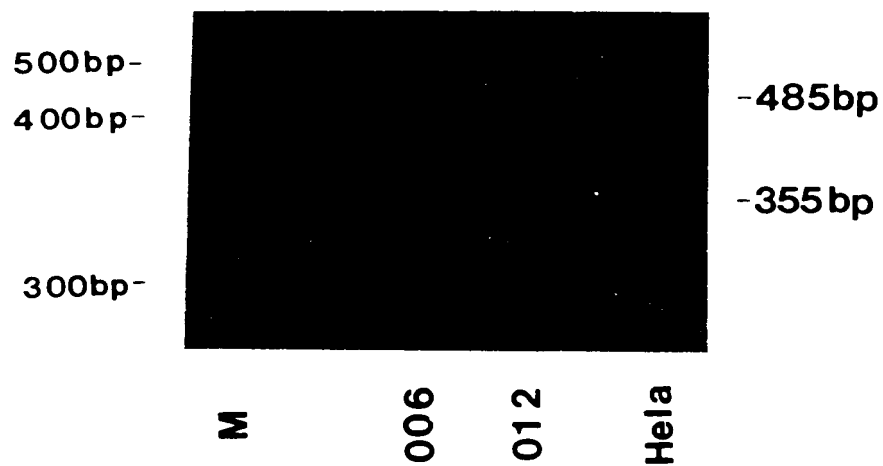


FIG. 2b

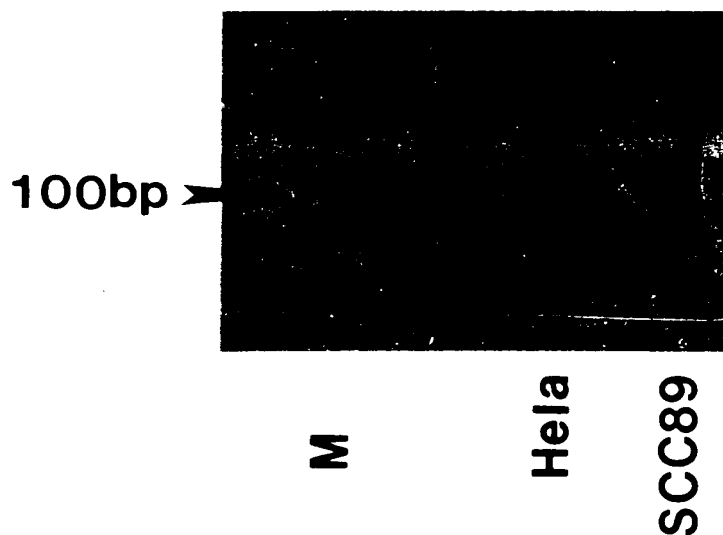
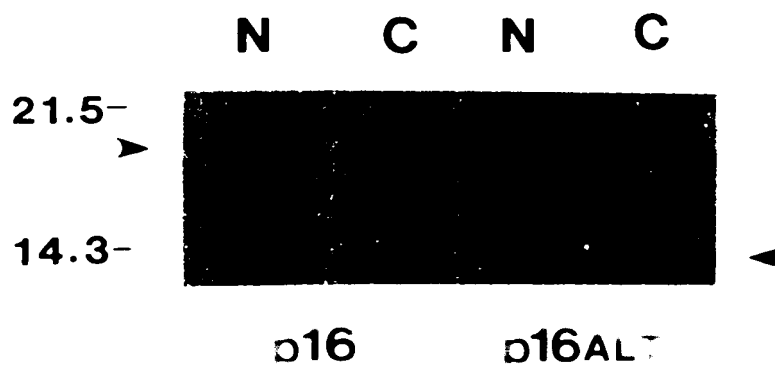


FIG. 2c



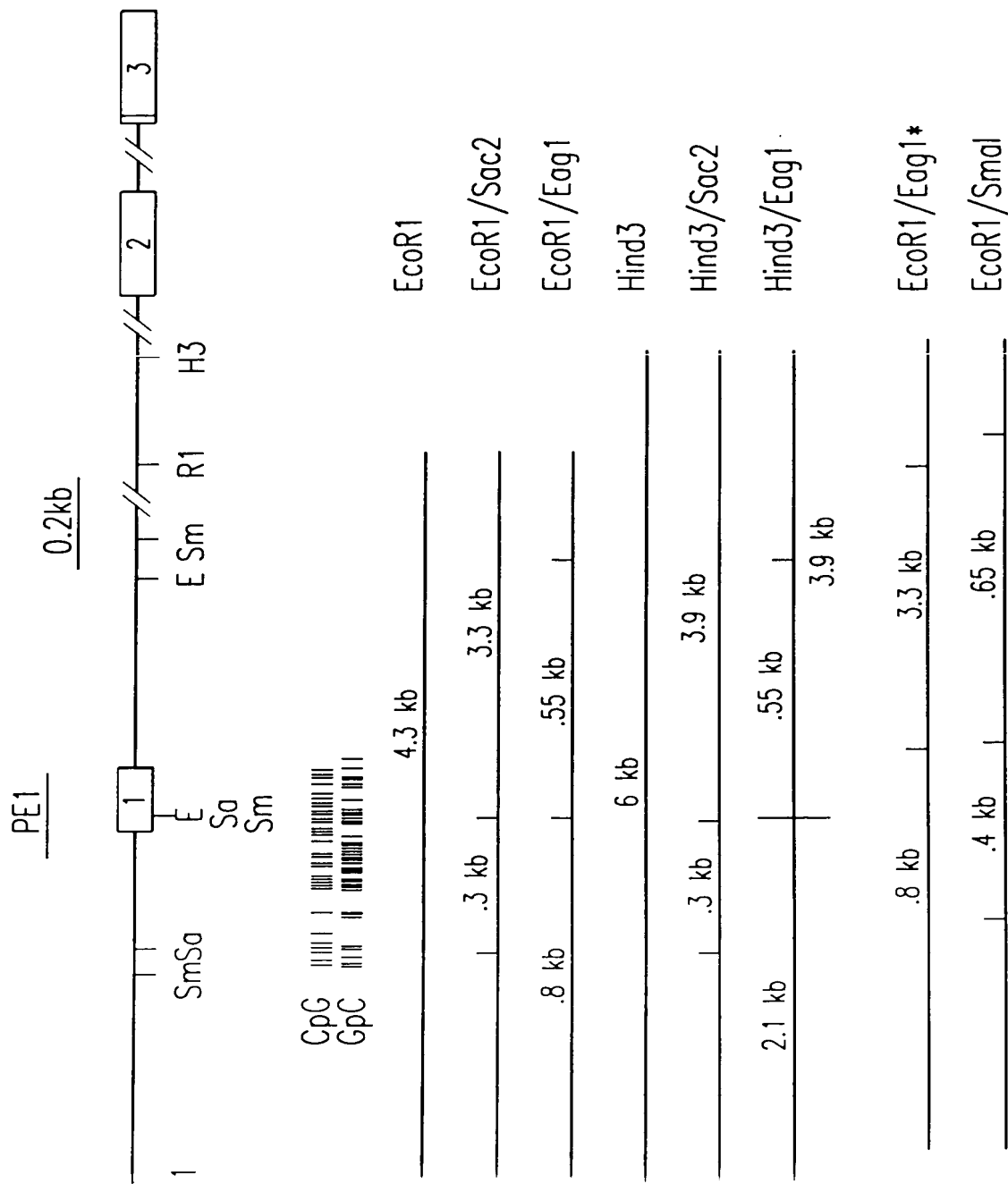


FIG. 3a

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<pl ... nt

ACA : GCTAAGTGCTCGAGTTAAATAGCACCTCCGTCCGTAGTCACGGCTTCACGGTCCCTTCCT
 GGA : ATACACGGTCCCTCCAGAGGATTTGAGGGACAGGCTAGGAGGGGGCTCTTCCGCCAGCA
 CCA : GGAAGAAAGAGGAGGGGCTGGCTGGTCACACAGAGGTGGGGCGGACCGCTGCCGCTCG
 GCG : GCGGAGAGGGGAGAGCAGGCAGCGGGCGGGGAGCAGCATGGAGCCCGCGCGCGG
 GGA : GCATGGAGCCCTTCGGCTGACTGGCTGGCCACGGCCCGCGGGTCCGGTAGAGGA
 GGT : GGGCGTGTGGAGGCGGGGGCGGTGCCCAACGCACCGAATAGTTACGGTCGGAGGCCG
 ATC : GTGGGTAGAGGGTCTGCAGCGGGAGCAGGGGATGGCGGGCGACTCTGGAGGACGAAGTT
 TGC : GGAATTGGAATCAGGTAGCGC

FIG. 3b

FIG. 4a

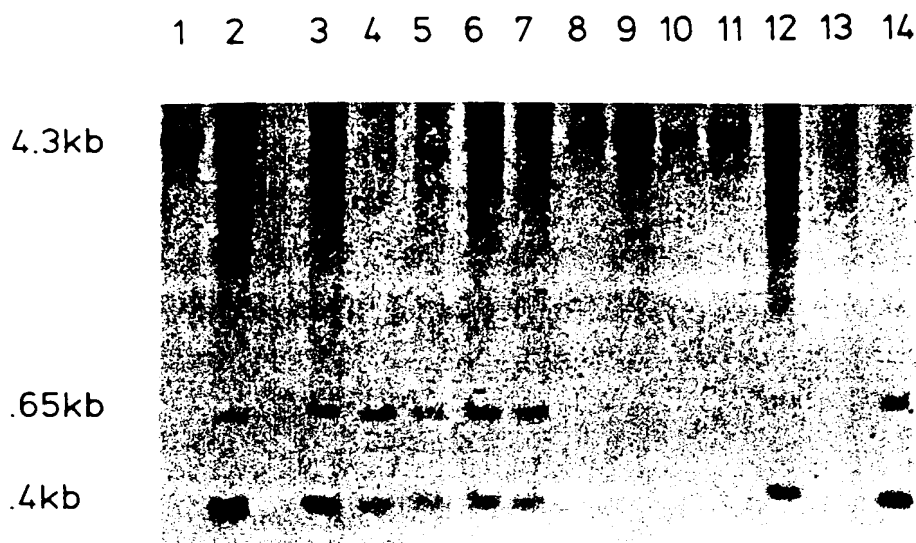


FIG. 4b

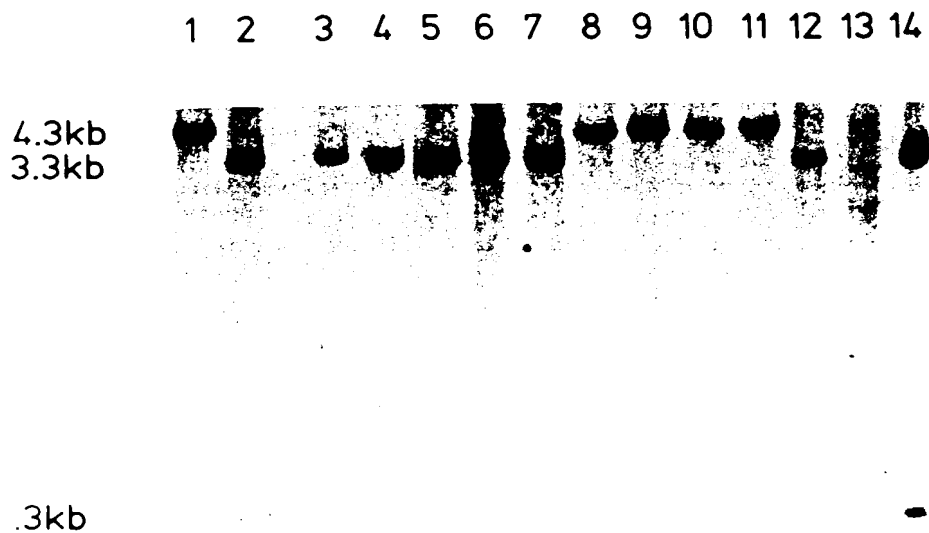


FIG. 4c

~48bp
321bp



FIG. 5a

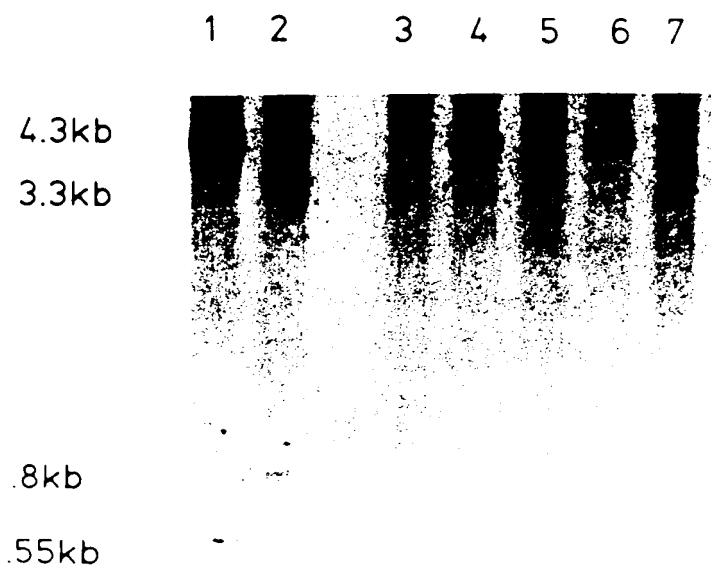


FIG. 5b

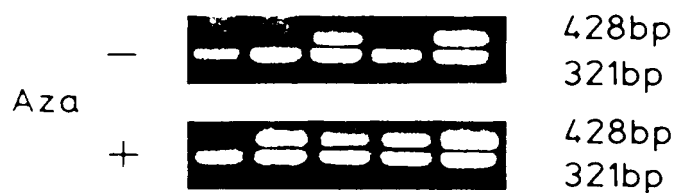


FIG. 5c

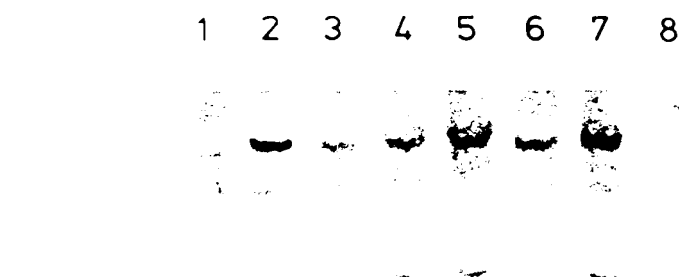
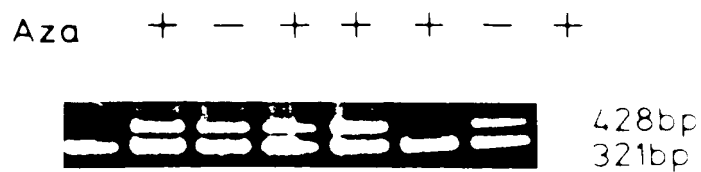


FIG. 5d



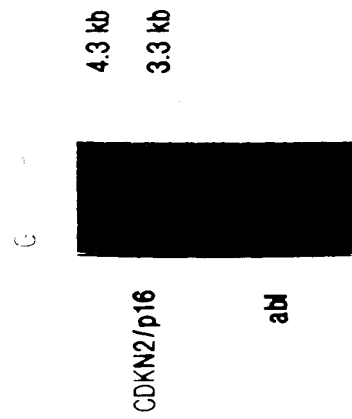
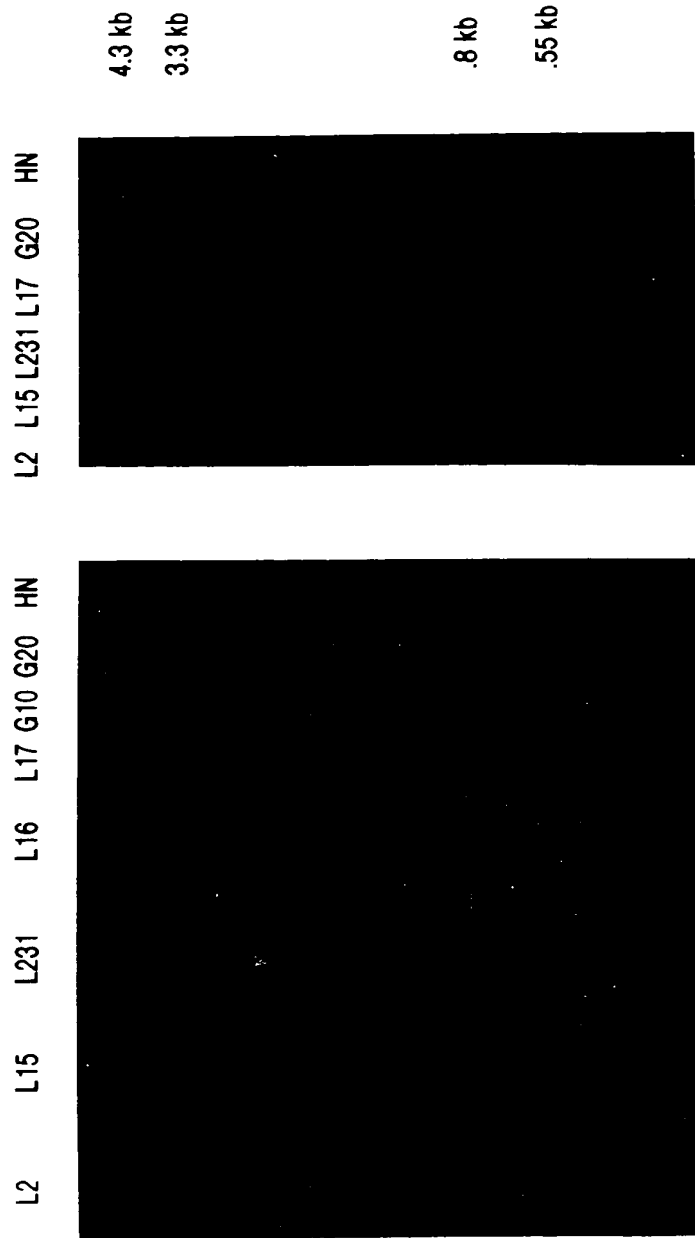


FIG. 6a



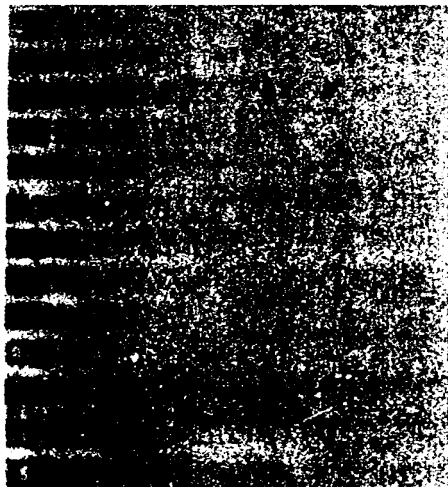
1 2 3 4 5 6

FIG. 6c

1 2 3 4 5 6 7 8 9 10 11 12

FIG. 6b

1 2 3 4 5 6 7 8 9 10 11 12 13



4.3 kb
3.3 kb

0.8 kb
0.55 kb
0.3 kb

FIG. 7a

2 3 4 5 6 7 8 9 10 11 12 13 14 15

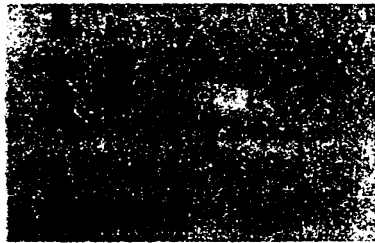


6 kb
3.9 kb
2.1 kb

0.55 kb

FIG. 7c

1 2 3 4 5 6



6 kb
3.9 kb
2.1 kb

FIG. 7b

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

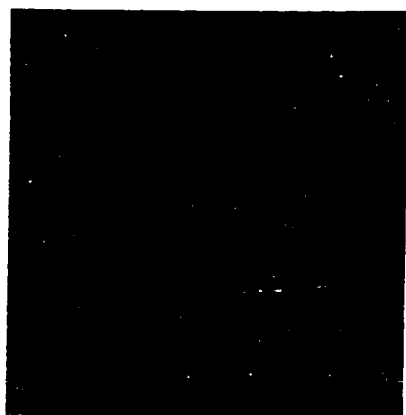


6 kb
3.9 kb

0.3 kb

FIG. 7d

1 2 3 4 5 6 7



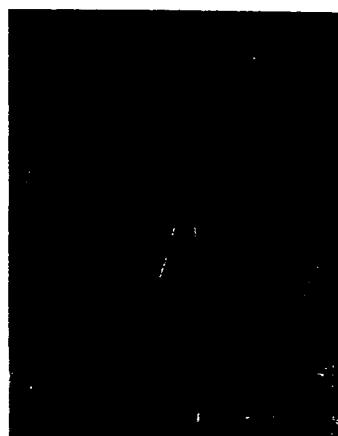
3.6 kb

0.65 kb

0.4 kb

FIG. 8a

1 2 3 4 5



6 kb

3.9 kb

2.1 kb

0.55 kb

FIG. 8b

1 2 3 4 5 6 7 8 9 10 11 12 13



6 kb

3.9 kb

0.3 kb

FIG 8c

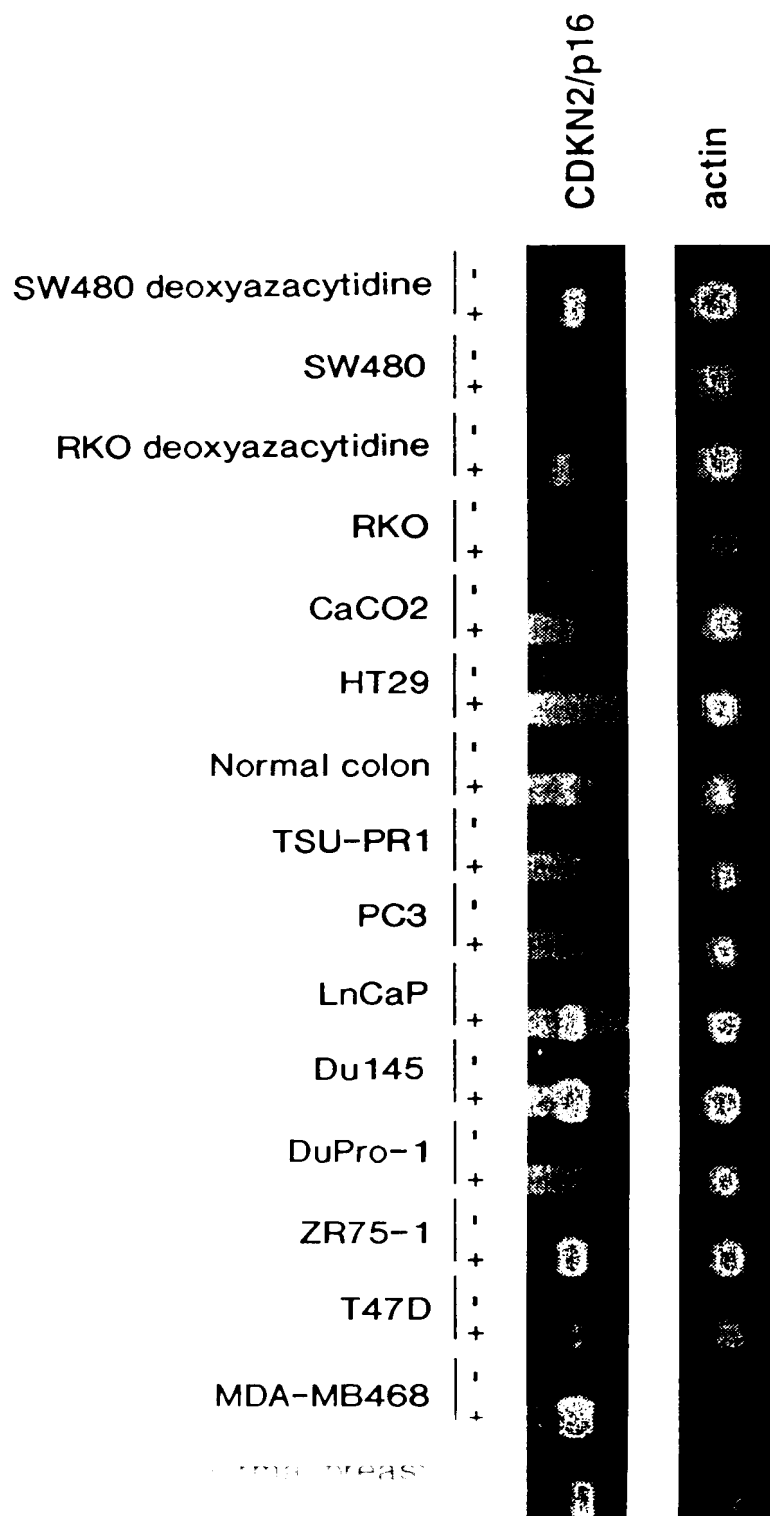


FIG. 9